

Converting Colors

$Yxy(40.7494, 0.4551, 0.4466)$

Have a look what the booklet for
Yxy(40.7494, 0.4551, 0.4466)
contains.

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Color

Yxy(40.7385, 0.4549, 0.4471)

Conversions

Conversions Part 1

Format	Color
Hex	D6A334
RGB	214, 163, 52
RGB Percent	84%, 64%, 20%
CMY	0.1608, 0.3608, 0.7960
CMYK	0.00, 0.24, 0.76, 0.16
HSL	41°, 66%, 52%
HSV	41°, 76%, 84%
XYZ	41.4492, 40.7385, 8.9295
YIQ	165.5950, 66.0270, -23.7090

Conversions

Conversions Part 2

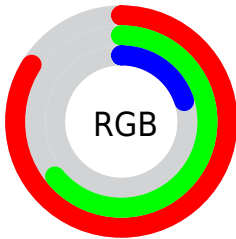
Format	Color
R_{YB}	126, 214, 52
Decimal	14066484
CIE Lab	69.99, 8.51, 61.37
CIE LCh	70, 61.957, 82.106
Yxy	40.7385, 0.4549, 0.4471
Android (android.graphics.Color)	4292256564 (0xFFD6A334)
YUV	165.5950, -56.0023, 42.4512
Hunter-Lab	63.8267, 4.2215, 36.3839

Details

The Yxy color **40.7385, 0.4549, 0.4471** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **15.2894, 0.1854, 0.1540**, and the grayscale version is **38.1811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4434, 0.4168, 0.4381**, and **18.5569, 0.4776, 0.4590** is the 20% darker color. If you saturate the color by 10%, you get **38.2600, 0.4711, 0.4516**, and if you desaturate by 10%, it is **43.4358, 0.4363, 0.4379**.

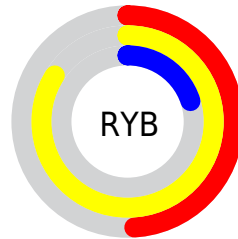
Distribution



Red (84%)

Green (64%)

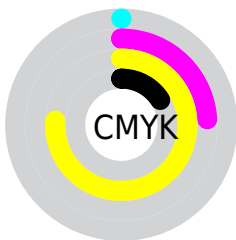
Blue (20%)



Red (49%)

Yellow (84%)

Blue (20%)

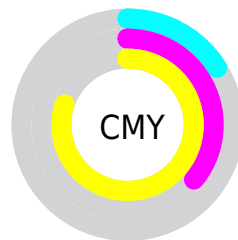


Cyan (0%)

Magenta (24%)

Yellow (76%)

Black (16%)



Cyan (16%)

Magenta (36%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7385, 0.4549, 0.4471 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 40.7385, 0.4549, 0.4471 by changing the saturation by 10% instead.


 40.7385, 0.4549,
0.4471


 40.7385, 0.4549,
0.4471


349.2265, 0.3876,
0.3944


 28.1148, 0.4687,
0.4566


 76.2868, 0.4323,
0.4304


 18.4122, 0.4841,
0.4663


 99.9801, 0.4232,
0.4233


 11.2463, 0.5018,
0.4758


 128.1322, 0.4153,
0.4170

 6.2328, 0.5188,
0.4812

 161.1273, 0.4083,
0.4114

 2.9871, 0.5273,
0.4727

 199.3499, 0.4022,
0.4064

 1.1250, 0.5421,
0.4579

 243.1844, 0.3968,

 0.0000, 1.0000,

0.4020

0.0000

293.0151, 0.3919,
0.3980

0.0000, 0.0000,
0.0000

40.7385, 0.4549,
0.4471

40.7385, 0.4549,
0.4471

38.2600, 0.4711,
0.4516

43.4358, 0.4363,
0.4379

35.9795, 0.4841,
0.4511

46.3583, 0.4162,
0.4249

35.0480, 0.4891,
0.4498

49.5189, 0.3956,
0.4092

52.9274, 0.3753,
0.3919

56.5928, 0.3560,
0.3739

■ 60.5235, 0.3380,
0.3559

■ 64.7274, 0.3214,
0.3385

■ 69.2119, 0.3065,
0.3220

■ 73.9842, 0.2930,
0.3066

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.7385, 0.4897, 0.3843



40.7385, 0.4549, 0.4471



40.7385, 0.3848, 0.4919

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.7385, 0.4549, 0.4471



40.7385, 0.1759, 0.3066



40.7385, 0.3037, 0.2203

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.7385, 0.4549, 0.4471



15.2894, 0.1854, 0.1540

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.7385, 0.2261, 0.1981



40.7385, 0.4549, 0.4471



40.7385, 0.1617, 0.2355

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.7385, 0.4549, 0.4471



40.7385, 0.2241, 0.4058



40.7385, 0.1786, 0.2014



40.7385, 0.3969, 0.2637

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.7385, 0.4549, 0.4471



40.7385, 0.3289, 0.4943



40.7385, 0.1786, 0.2014



40.7385, 0.2749, 0.2103

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.7405, 0.4549, 0.4471



85.5611, 0.3514, 0.3694



17.7397, 0.4922, 0.2778



17.8707, 0.3582, 0.3760



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.7405, 0.4549, 0.4471



54.7548, 0.4795, 0.4518



58.5696, 0.3861, 0.5080



13.8297, 0.3274, 0.3449



21.3781, 0.4878, 0.4509



1.4347, 0.4732, 0.4625

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.2894, 0.1854, 0.1540



15.7683, 0.1675, 0.1170



9.0941, 0.1861, 0.1006



12.6404, 0.2982, 0.3126



5.5532, 0.1623, 0.1043



0.4817, 0.1720, 0.1393

Previews

White Background



This preview shows how the Yxy color 40.7385, 0.4549, 0.4471 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 40.7385, 0.4549, 0.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7385, 0.4549, 0.4471

Background



This preview shows how black text looks on a background with the Yxy color 40.7385, 0.4549, 0.4471.



This preview shows how white text looks on a background with the Yxy color 40.7385, 0.4549, 0.4471.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.7385, 0.4549, 0.4471

Protanopia

40.9779, 0.4243, 0.4679

Deuteranopia

40.8894, 0.4558, 0.4465



Tritanopia

40.5090, 0.3711, 0.3148

Trichromacy



Original Color

40.7385, 0.4549, 0.4471

Protanomaly

40.9123, 0.4353, 0.4608

Deuteranomaly

40.8894, 0.4558, 0.4465

Tritanomaly

40.1124, 0.4085, 0.3693

Monochromacy



Original Color

40.7385, 0.4549, 0.4471

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4582, 0.3667, 0.3844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7385, 0.4549, 0.4471 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 163, 52)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 52)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 163, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 52) }
```

Border

The CSS property to change the border of an element to Yxy 40.7385, 0.4549, 0.4471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 163, 52) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(214, 163, 52) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(214, 163, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 52);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7385, 0.4549, 0.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 52) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
163, 52) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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